AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Previously presented): A method for controlling an electrotherapeutic device configured to provide a defibrillation shock or pacing stimuli to a patient, comprising:

causing the device to perform the steps of:

obtaining and analyzing physical parameters of the patient to determine whether the patient has a heart condition for which an appropriate treatment is either a defibrillation shock or pacing stimuli;

automatically determining a magnitude at which to supply the pacing stimuli, based, at least in part, upon an analysis of the physical parameters performed by the device, if the appropriate treatment is pacing stimuli; and

supplying the pacing stimuli to the patient at the determined magnitude and at a pacing rate.

Claim 2 (Original): The method of claim 1, wherein the step of obtaining and analyzing physical parameters of the patient comprises:

comparing the physical parameters to one or more predetermined parameters indicating severe bradycardia.

Claim 3 (Original): The method of claim 1, wherein the step of obtaining and analyzing physical parameters of the patient comprises:

comparing the physical parameters to one or more predetermined parameters indicating ventricular standstill.

Claim 4 (Original): The method of claim 1, wherein the step of obtaining and analyzing physical parameters of the patient comprises:

comparing the physical parameters to one or more predetermined parameters indicating second degree atrioventricular block.

Claim 5 (Original): The method of claim 1, wherein the step of obtaining and analyzing physical parameters of the patient comprises:

comparing the physical parameters to one or more predetermined parameter indicating third degree atrioventricular block.

Claim 6 (Original): The method of claim 1, wherein the step of obtaining and analyzing physical parameters of the patient comprises:

comparing the physical parameters to one or more predetermined parameter indicating low cardiac output.

Claim 7 (Original): The method of claim 1, wherein the step of obtaining and analyzing comprises:

determining whether a defibrillation shock has been delivered to the patient within a predetermined period of time.

Claim 8 (Previously presented): The method of claim 1, further comprising:

causing the device to perform the steps of obtaining and analyzing updated patient physical parameters.

Claim 9 (Previously presented): The method of claim 8, further comprising:

causing the device to perform the steps of:

automatically adjusting the magnitude and pacing rate to an updated magnitude and updated pacing rate based, in part, on the updated physical parameters; and

supplying the pacing stimuli to the patient at the updated magnitude and at the updated pacing rate.

Claim 10 (Previously presented): The method of claim 8, further comprising:

causing the device to perform the steps of:

identifying an indication to cease the pacing stimuli, based, in part, on the updated physical parameters; and

automatically terminating the discharging of the energy device before the determined time, if an indication to cease the pacing stimuli is indicated.

Claim 11 (Original): The method of claim 10, wherein the step of identifying an indication to cease the pacing includes identifying no electrical capture.

Claim 12 (Original): The method of claim 10, wherein the step of identifying an indication to cease pacing includes identifying no mechanical capture.

Claim 13 (Original): The method of claim 10, wherein the step of identifying an indication to cease pacing includes identifying failure in improvement of cardiac output.

Claim 14 (Original): The method of claim 10, wherein the step of identifying an indication to cease pacing includes identifying adequate spontaneous circulation.

Claim 15 (Original): The method of claim 1 wherein the step of obtaining and analyzing physical parameters of the patient to determine whether the patient has a heart condition appropriately treated with a defibrillation shock or pacing stimuli includes determining whether the patient has a heart condition appropriately treated with a non-electrotherapeutic treatment.

Claim 16 (Previously presented): The method of claim 15, further comprising:

causing the device to perform the steps of indicating to a user that a non-electrotherapeutic treatment is needed.

Claim 17 (Previously presented): The method of claim 16, wherein the step of indicating to a user that non-electrotherapeutic treatment is needed includes prompting the user to provide CPR therapy to the patient.

Claim 18 (Previously presented): The method of claim 16, wherein the step of indicating to a user that non-electrotherapeutic treatment is needed includes prompting the user to provide drug therapy to the patient.

Claim 19 (Previously presented): The method of claim 16, wherein the step of indicating to a user that non-electrotherapeutic treatment is needed includes prompting the user to provide oxygen therapy to the patient.

Claim 20 (Previously presented): The method of claim 16, wherein the step of indicating to a user that non-electrotherapeutic treatment is needed includes prompting the user to monitor the patient's SaO.sub.2 level.

Claim 21 (Previously presented): The method of claim 16, wherein the step of indicating to a user that non-electrotherapeutic treatment is needed includes prompting the user to monitor the patient's blood pressure.

Claim 22 (Previously presented): The method of claim 16, wherein the step of indicating to a user that non-electrotherapeutic treatment is needed includes prompting the user to monitor the patient's end tidal CO.sub.2 level.

Claim 23 (Previously presented): The method of claim 16, further comprising:

causing the device to perform the steps of determining a physical status based, in part, on the patient's physical parameters; and indicating the physical status to the user.

Claim 24 (Previously presented): An external medical device for supplying electroshock therapy to a patient comprising:

a plurality of electrodes configured to deliver a defibrillation shock or pacing stimuli to, and sense one or more physical parameters associated with, the patient;

an energy storage device coupled to the plurality of electrodes and configured to store a charge; and

a controller coupled to the plurality of electrodes and the energy storage device, and configured to: obtain and analyze physical parameters of the patient; automatically determine a magnitude at which to supply the pacing stimuli, based, at least in part, upon an analysis of the physical parameters which is performed by the controller; and supply the pacing stimuli to the patient at the determined magnitude and at a pacing rate.

Claim 25 (Original): The device of claim 24, wherein the controller is further configured to:

obtain and analyze updated patient physical parameters;

automatically adjust the magnitude and pacing rate to an updated magnitude and updated pacing rate based, in part, on the updated physical parameters; and

supply pacing stimuli to the patient at the updated magnitude and at the updated rate.

Claim 26 (Original): The device of claim 25, wherein the controller is further configured to:

identify an indication to cease the pacing stimuli, based in part on the updated patient physical parameters; and

terminate the discharge of the energy device before the predetermined time, if an indication to cease the pacing stimuli is indicated.

Claim 27 (Original): The device of claim 24, wherein the controller is further configured to: indicate to a care provider that further treatment is needed.

Claim 28 (Original): The device of claim 24, wherein the controller is further configured to:

determine a physical status based, in part, on the patient's physical parameters; and

indicate the physical status to a user.

Claim 29 (Original): The device of claim 24, further comprising:

a user interface in communication with the controller.

Claim 30 (Previously presented): An external medical device for supplying electroshock therapy to a patient comprising:

a plurality of electrodes configured to deliver a defibrillation shock or pacing stimuli to, and sense one or more physical parameters associated with, the patient;

an energy storage device coupled to the plurality of electrodes and configured to store a charge; and

a controller coupled to the plurality of electrodes and the energy storage device, and configured to:

obtain and analyze physical parameters of the patient to determine whether the patient has a heart condition for which an appropriate treatment is either a defibrillation shock or pacing stimuli;

automatically determine a magnitude at which to supply the pacing stimuli, based, at least in part, upon an analysis of the physical parameters performed by the controller; and

supply the pacing stimuli to the patient at the determined magnitude and at a pacing rate.

Claim 31 (Previously presented): A method for controlling an electrotherapeutic device configured to provide a defibrillation shock or pacing stimuli to a patient, comprising:

obtaining and analyzing physical parameters of the patient to determine whether the patient has a heart condition for which an appropriate treatment is either a defibrillation shock or pacing stimuli;

automatically determining in a processor a magnitude at which to supply the pacing stimuli, based, at least in part, on a determination by the processor of whether the device previously provided a defibrillation shock to the patient, if the appropriate treatment is pacing stimuli; and

supplying the pacing stimuli to the patient at the determined magnitude and at a pacing rate.

Claim 32 (New): A method for controlling an electrotherapeutic device configured to provide a defibrillation shock or pacing stimuli to a patient, comprising:

causing the device to perform the steps of:

obtaining and analyzing physical parameters of the patient to determine whether the patient has a heart condition for which an appropriate treatment is either a defibrillation shock or pacing stimuli;

automatically determining a magnitude at which to supply the pacing stimuli, based, at least in part, upon an analysis of the physical parameters performed by the device, if the appropriate treatment is pacing stimuli; and

supplying the pacing stimuli to the patient at the determined magnitude and at a pacing rate,

wherein the physical parameters comprise at least one of presence of electrical capture, presence of mechanical capture, cardiac output, blood flow, blood pressure, or impedance.